

FIG. 1

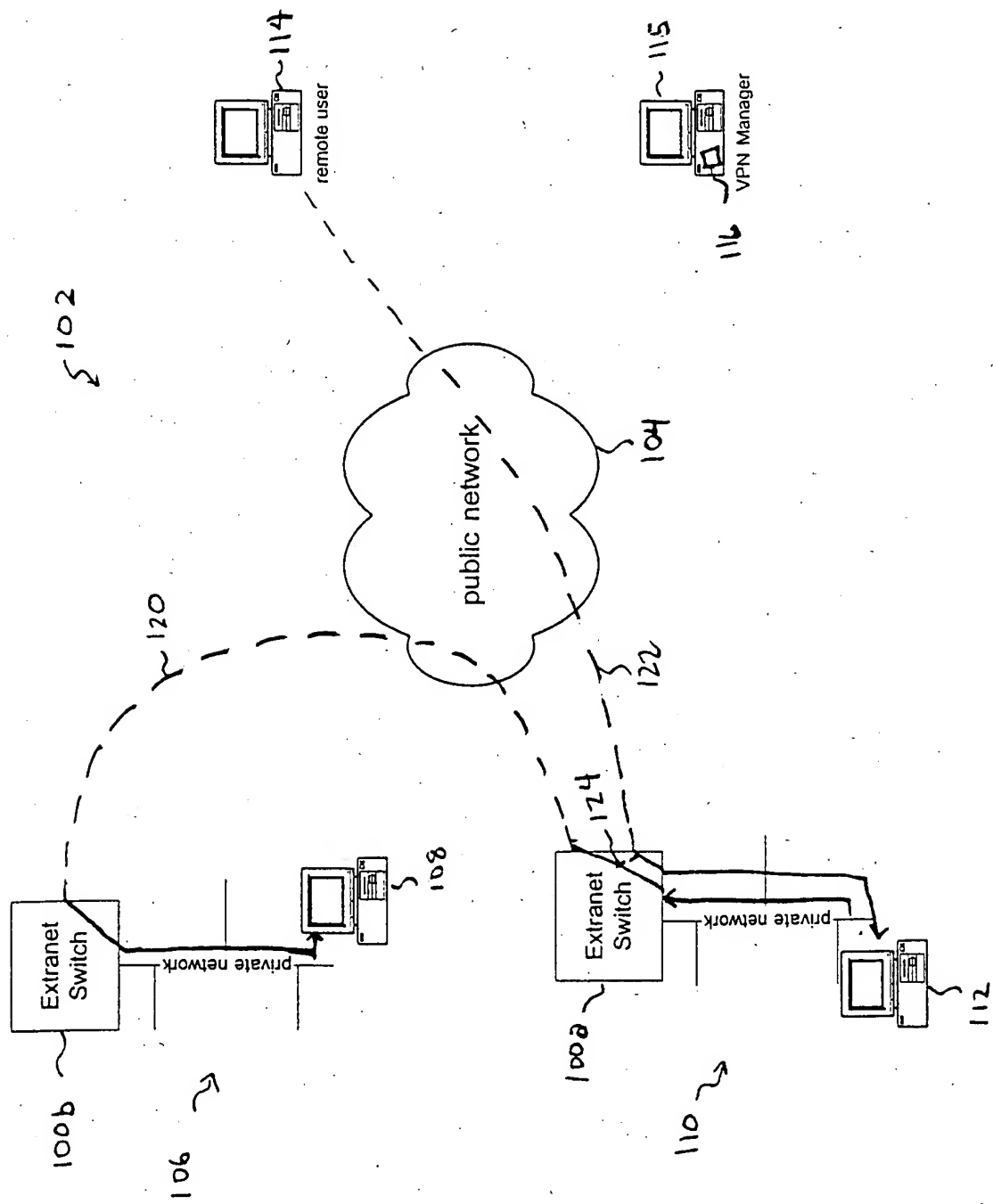


FIG. 2

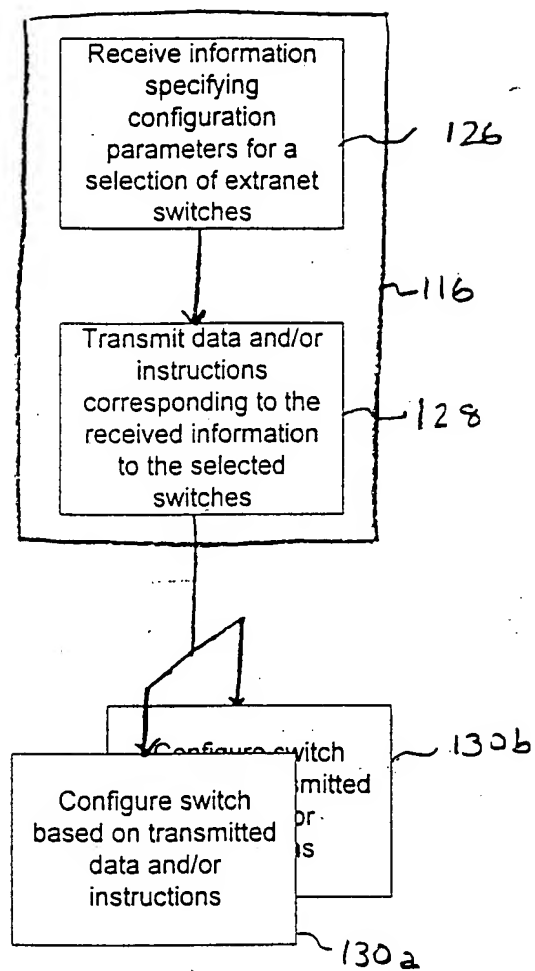


FIG. 3

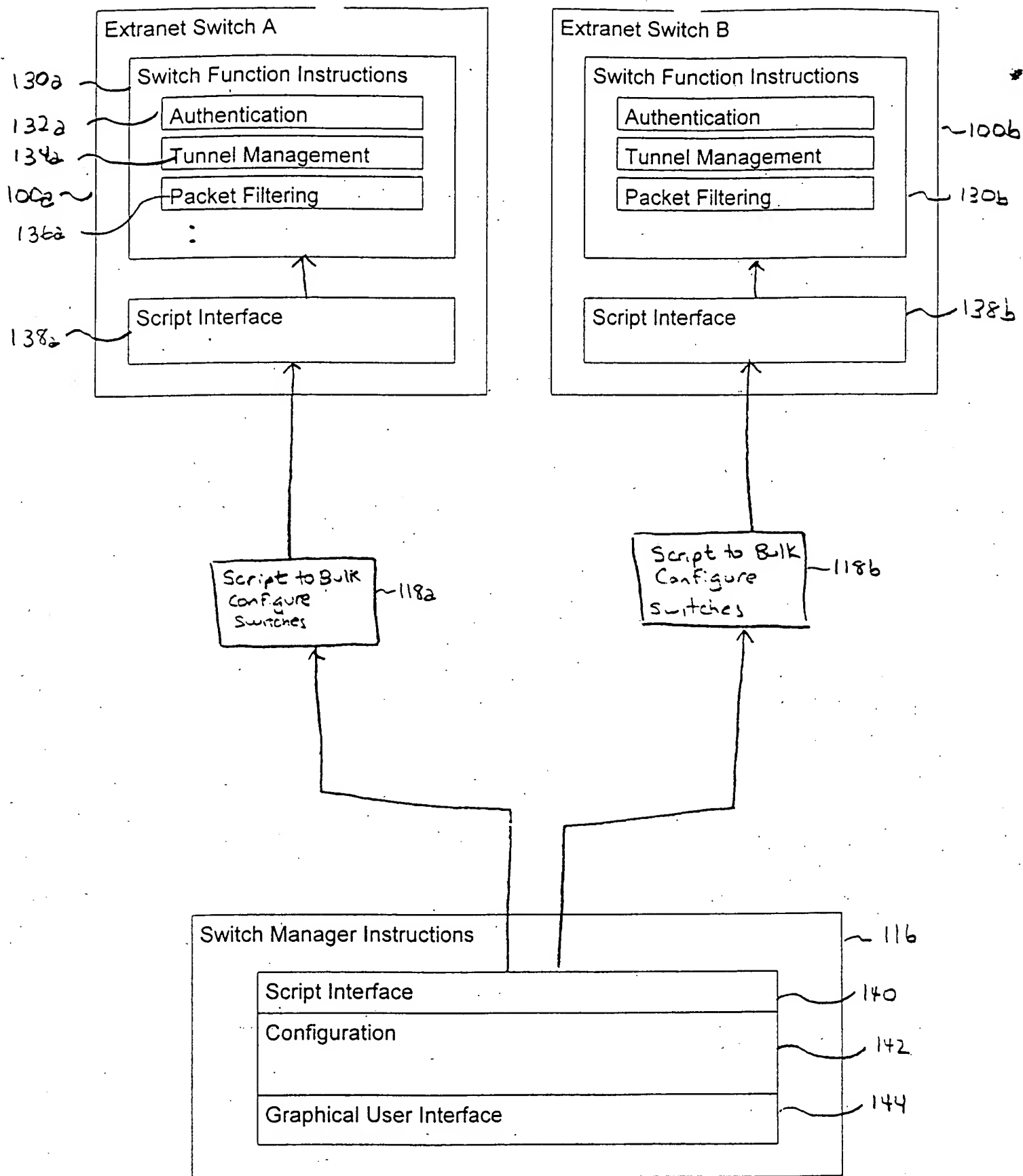
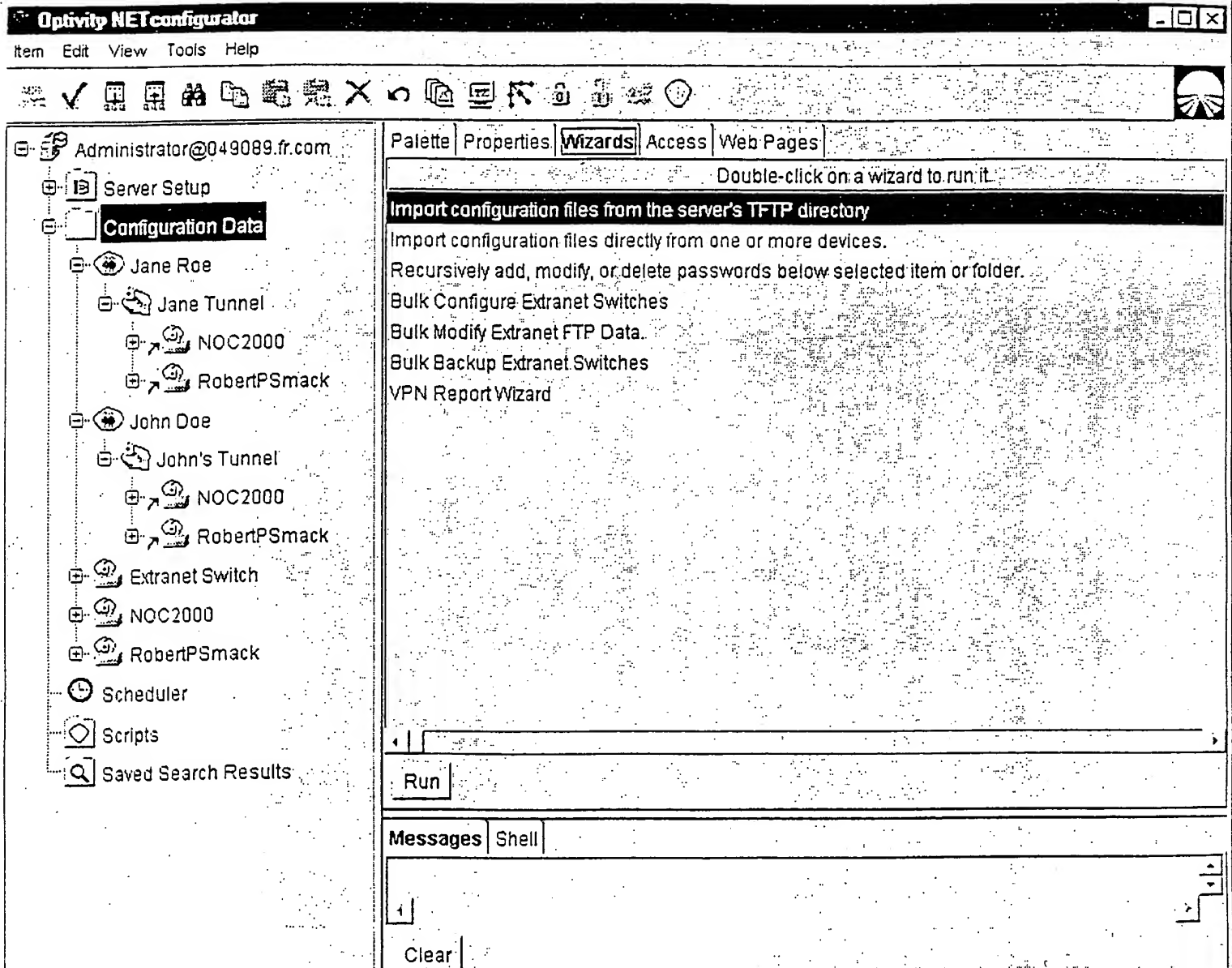


FIG. 4



**Bulk Extranet Switch Configuration**



**Model Selection**

Select Contivity Switch Models for Bulk Configuration

RobertPSmack  
NOC2000  
Extranet Switch

Select All

< Back

Next >

OK

Cancel

Revert

Clear

FIG 6

**Bulk Extranet Switch Configuration**

**Administrator**

Administrator settings of the Extranet Switch model type

User ID   
Password   
Idle Timeout

FIG. 7

**Bulk Extranet Switch Configuration**

**DNS Configuration**

DNS settings of the Extranet Switch model type

DNS Domain Name   
Primary DNS Server   
Secondary DNS Server   
Tertiary DNS Server

< Back Next > OK Cancel Revert

Clear

FIG. 8



## Bulk Extranet Switch Configuration

### Service

Service settings of the Extranet Switch model type

IPSec	<input type="checkbox"/> Private	<input type="checkbox"/> Public
PPTP	<input type="checkbox"/> Private	<input type="checkbox"/> Public
L2TP & L2F	<input type="checkbox"/> Private	<input type="checkbox"/> Public
HTTP	<input type="checkbox"/> Private	
SNMP	<input type="checkbox"/> Private	
FTP	<input type="checkbox"/> Private	
TELNET	<input type="checkbox"/> Private	
Allow End User to End User	<input type="checkbox"/>	
Allow End User to Branch Office	<input type="checkbox"/>	
Allow Branch Office to Branch Office	<input type="checkbox"/>	

< Back   Next >   OK   Cancel   Revert

Clear

FIG. 9

## SNMP Traps

SNMP Trap settings of the SNMP model type

Enable	Host Name	Community Name
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>

Enable	Description	Interval (hh:mm:ss)
<input type="checkbox"/>	Trap on health warnings	<input type="text"/>
<input type="checkbox"/>	Trap on health alerts	<input type="text"/>
<input type="checkbox"/>	Generate periodic heartbeat	<input type="text"/>
<input type="checkbox"/>	Trap on hardware warnings and alerts	<input type="text"/>
<input type="checkbox"/>	Trap on intrusions	<input type="text"/>
<input type="checkbox"/>	Trap on failed login attempts	<input type="text"/>
<input type="checkbox"/>	Generate power up trap	<input type="text"/>

&lt; Back

Next &gt;

OK

Cancel

Revert

Clear

FIG. 10

**Radius Accounting**

Radius Accounting settings of the Extranet Switch model type

Enable Radius Accounting ☐Enable Internal Radius Accounting ☐Session Update Interval (hh:mm:ss) Enable External Radius Accounting ☐Host Name Port Secret 

&lt; Back

Next &gt;

OK

Cancel

Revert

Clear

FIG. 11

## Radius Authentication

Radius Authentication settings of the Contivity Switch model type

Enable Radius Authentication *	<input checked="" type="checkbox"/>
Remove Suffix from User ID	<input type="checkbox"/>
Enable AXENT Authentication	<input type="checkbox"/>
Enable SecurID Authentication	<input type="checkbox"/>
Enable MS-CHAP Authentication	<input type="checkbox"/>
Enable CHAP Authentication	<input type="checkbox"/>
Enable PAP Authentication	<input type="checkbox"/>
Enable Primary Server	<input type="checkbox"/>
Primary Host Name	<input type="text"/>
Primary Port	1645
Primary Secret	<input type="text"/>
Enable Alternate 1 Server	<input type="checkbox"/>
Alternate 1 Host Name	<input type="text"/>
Alternate 1 Port	1645
Alternate 1 Secret	<input type="text"/>
Enable Alternate 2 Server	<input type="checkbox"/>
Alternate 2 Host Name	<input type="text"/>
Alternate 2 Port	1645

< Back   Next >   OK   Cancel   Revert

Clear

## External LDAP

External LDAP Server settings of the Contivity Switch model type

Enable External LDAP Server <input type="checkbox"/>	
Base DN	<input type="text"/>
Remove Suffix From UI	<input type="checkbox"/>
Delimiter	<input type="text"/>
Master Host Name	<input type="text"/>
Master Connection	<input type="text" value="PORT"/>
Master Port	<input type="text"/>
Master Bind DN	<input type="text"/>
Master Password	<input type="password"/>
Slave 1 Host Name	<input type="text"/>
Slave 1 Connection	<input type="text" value="PORT"/>
Slave 1 Port	<input type="text"/>
Slave 1 Bind DN	<input type="text"/>
Slave 1 Password	<input type="password"/>
Slave 2 Host Name	<input type="text"/>
Slave 2 Connection	<input type="text" value="PORT"/>
Slave 2 Port	<input type="text"/>

&lt; Back

Next &gt;

OK

Cancel

Revert

Clear

FIG.13

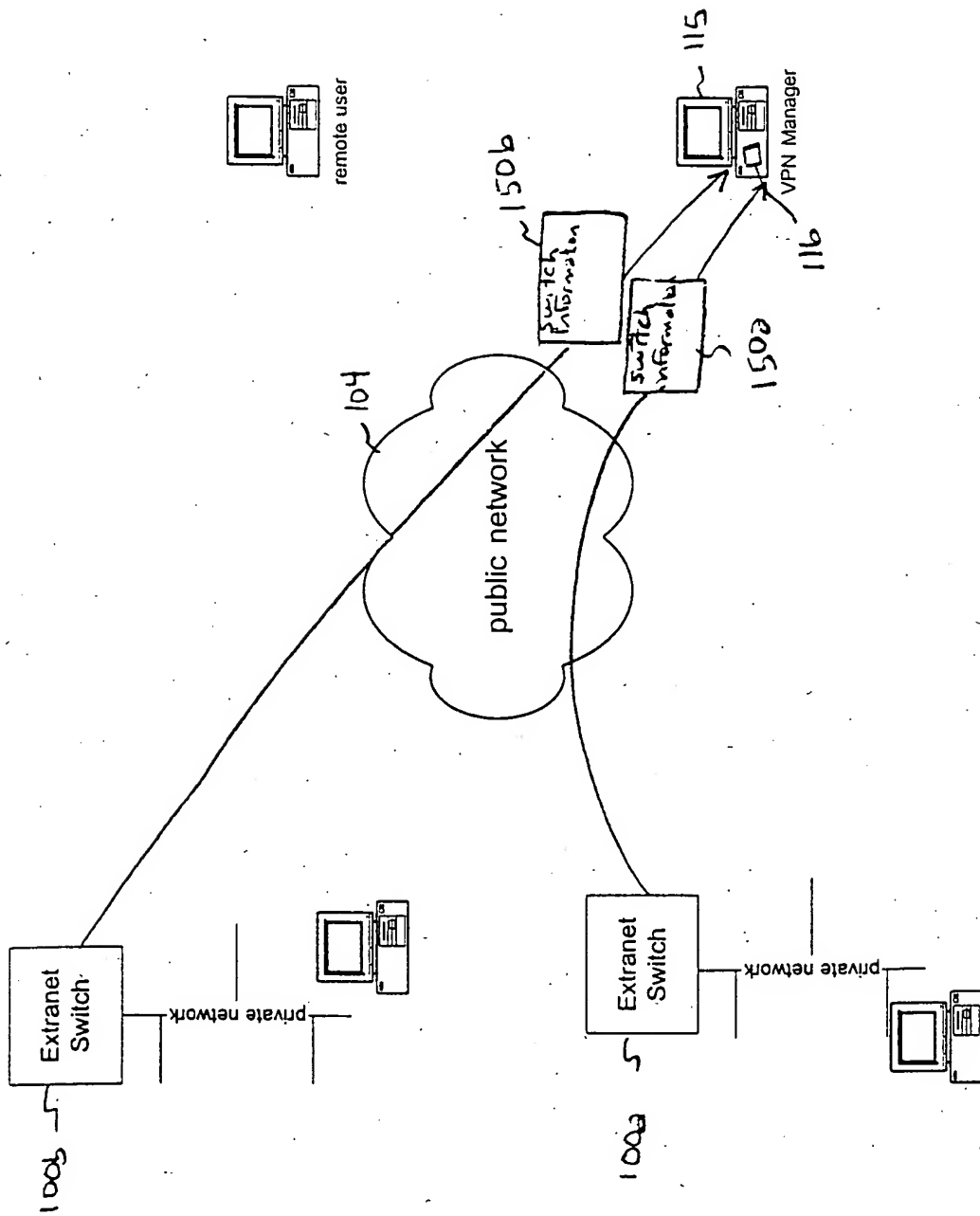


FIG. 14

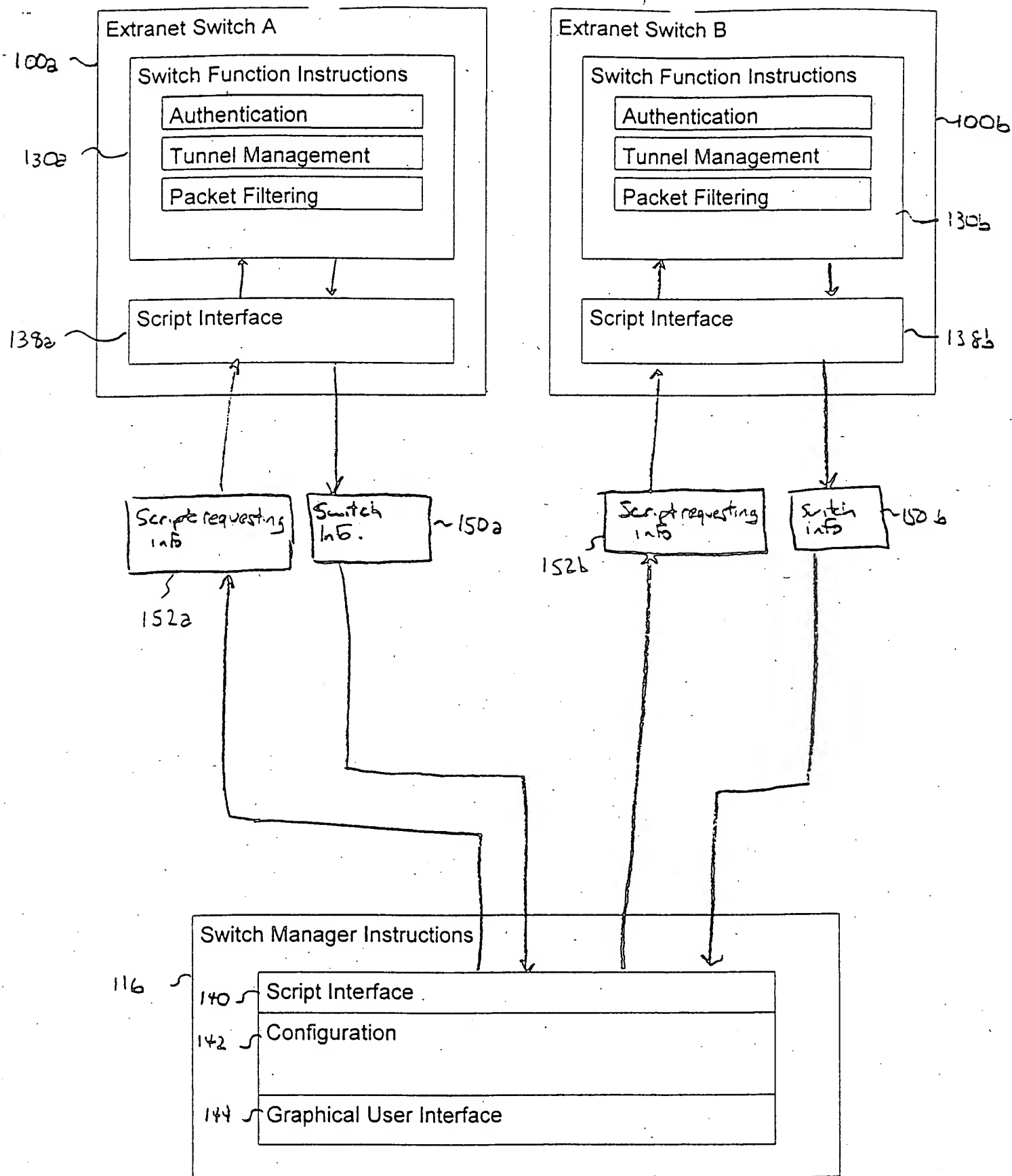


FIG. 15

Reports

VPN Report

Report Selection:

"Static" Contivity Report

"Static" Contivity Report

"Dynamic" Contivity Report

Security Report

Contivity Capacity Report

Contivity Trend Report

Service Trend Report

RobertPSr  
NOC2000  
Extranet S

Select Models:

Select All

Clear All

OK

Cancel

Clear

FIG. 16



## Contivity Report

Extranet switch report

Switch Name	Host Name	Domain Name	Primary Server	Secondary Server	Tertiary Server
RobertPSmack	RobertPSmack	hi.com	0.0.0.0	0.0.0.0	0.0.0.0
NOC2000	NOC2000	corpeastbaynetworks.com	132.245.135.76	132.245.135.108	0.0.0.0
Extranet Switch	<null>	<null>	<null>	<null>	<null>

OK

Print

Save

Clear

VPN Security Report

Extranet switch report

Switch Name	IPSec	PPTP	L2TP & L2F	HTTP	SNMP	FTP	TELNET	User to User	User to Branch	Branch to Branch
RobertPSmack	PrivPub	PrivPub	Private	Private	Private	Private	Private	Disabled	Disabled	Disabled
NOC2000	Private	Private	Private	Private	Private	Private	Private	Enabled	Enabled	Enabled
Extranet Switch								Disabled	Disabled	Disabled

OK

Print

Save

Clear

FIG 15

## Contivity Switch Tunnels : Users

RobertPSmack 2000 : 0

NOC2000 100 : 1

Extranet Switch

OK

Print

Save

Clear

# VPN Contivity Trend Report

## VPN Trend Report

### Extranet Switch Trend Report

Dates: 1/1/99 through 3/1/99

No Sort

Contivity Switch	Total	Admin Sessions	IPSec Sessions	PPTP Sessions	L2F Sessions	L2TP Sessions
RobertPSmack	67	67	0	0	0	0
NOC2000	0	0	0	0	0	0
Extranet Switch	0	0	0	0	0	0

OK

Print

Save

Clear

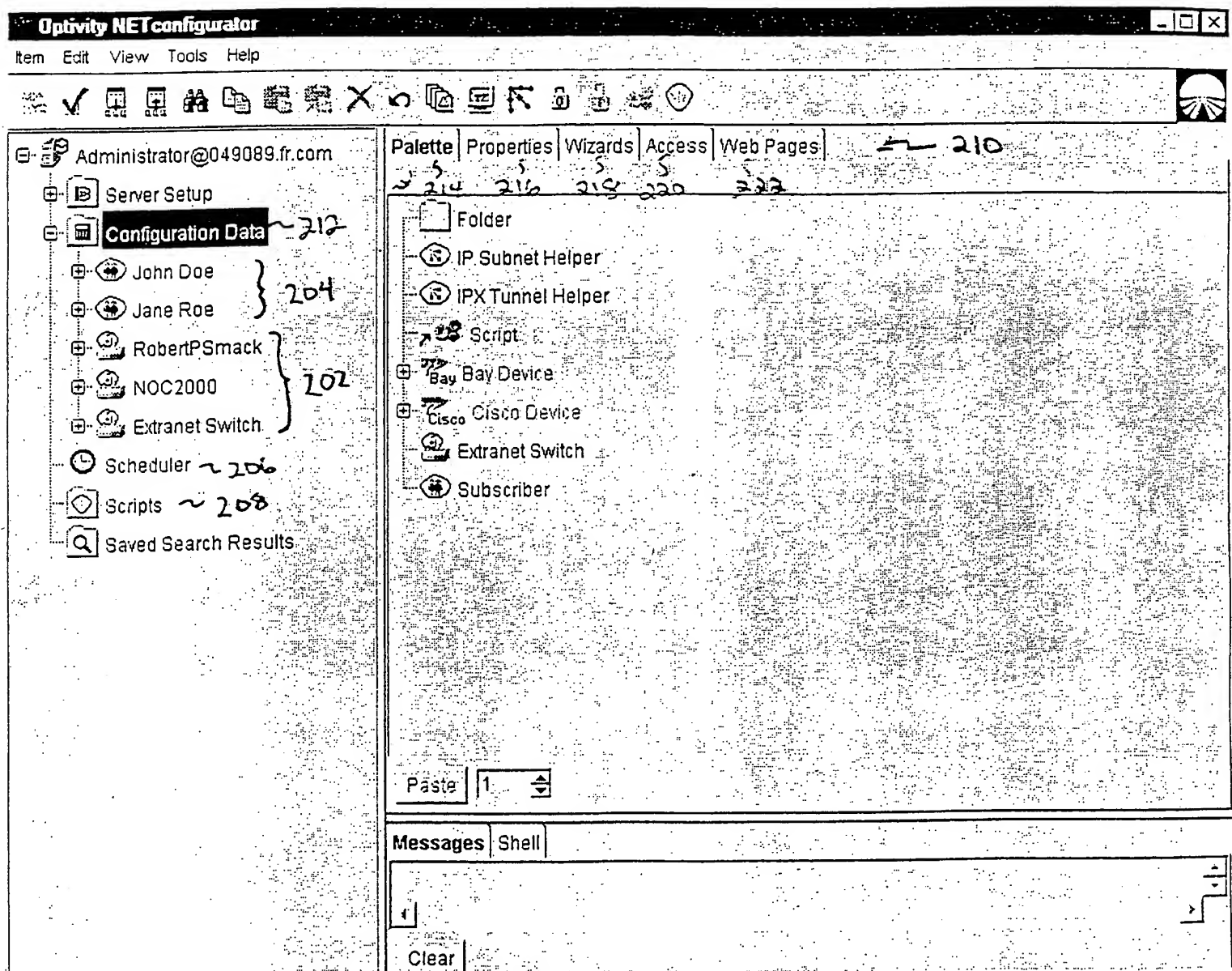


FIG. 21

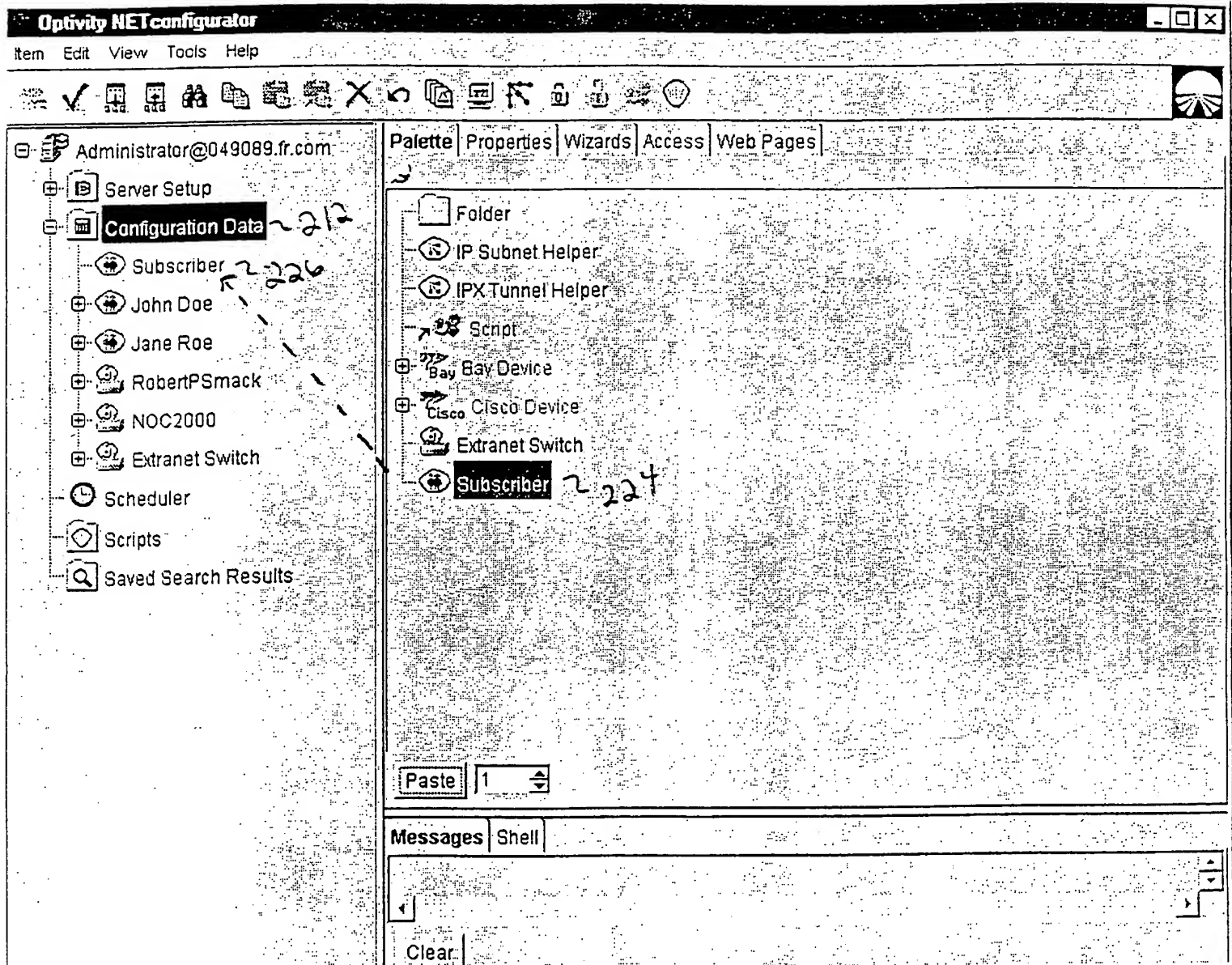
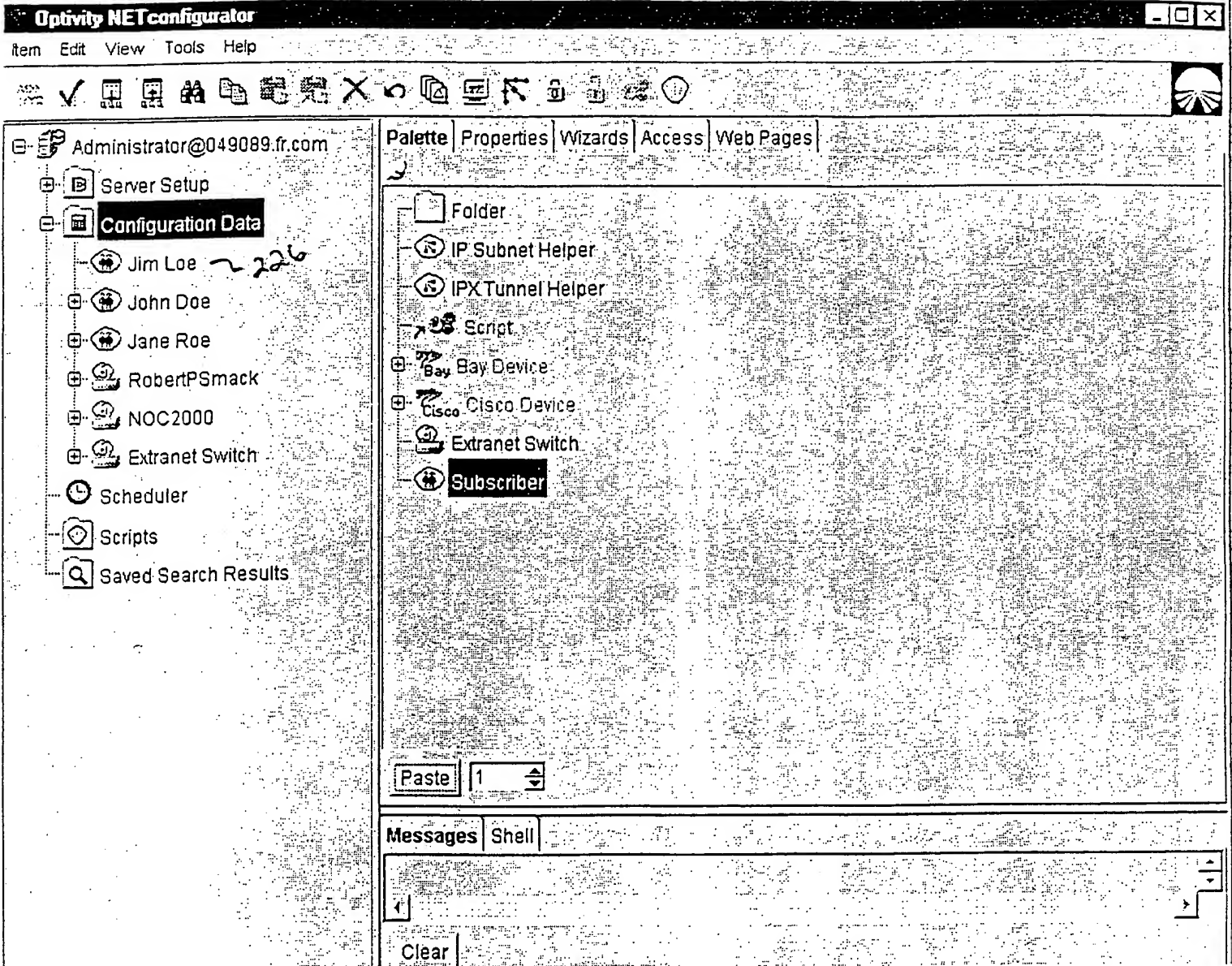


FIG 22





Optivity NETconfigurator

Item Edit View Tools Help

ABC XYZ

Administrator@049089.fr.com

Server Setup

Configuration Data

Jim Loe ~ 226

VPN Service ~ 230

John Doe

Jane Roe

RobertPSmack

NOC2000

Extranet Switch

Scheduler

Scripts

Saved Search Results

Palette Properties Wizards Access Web Pages

~ S214

Script ~ 228

VPN Service ~ 228

Paste 1

Messages Shell

Clear

013-24



Optivity NETconfigurator

Item Edit View Tools Help

ABCXYZ

Administrator@049089.fr.com

Server Setup

Configuration Data

Jim Loe

VPN Service

2230

John Doe

Jane Roe

RobertPSmack

NOC2000

Extranet Switch

Scheduler

Scripts

Saved Search Results

Palette

Properties

Wizards

Access

Web Pages

Basic

216

Service Name

Jim's Tunnel

Tunnel Type

L2TP

IP Address

RobertPSmack

IP Address

NOC2000

IP Address of the device that the service will be using

Undo

Messages

Shell

Clear

Page 15

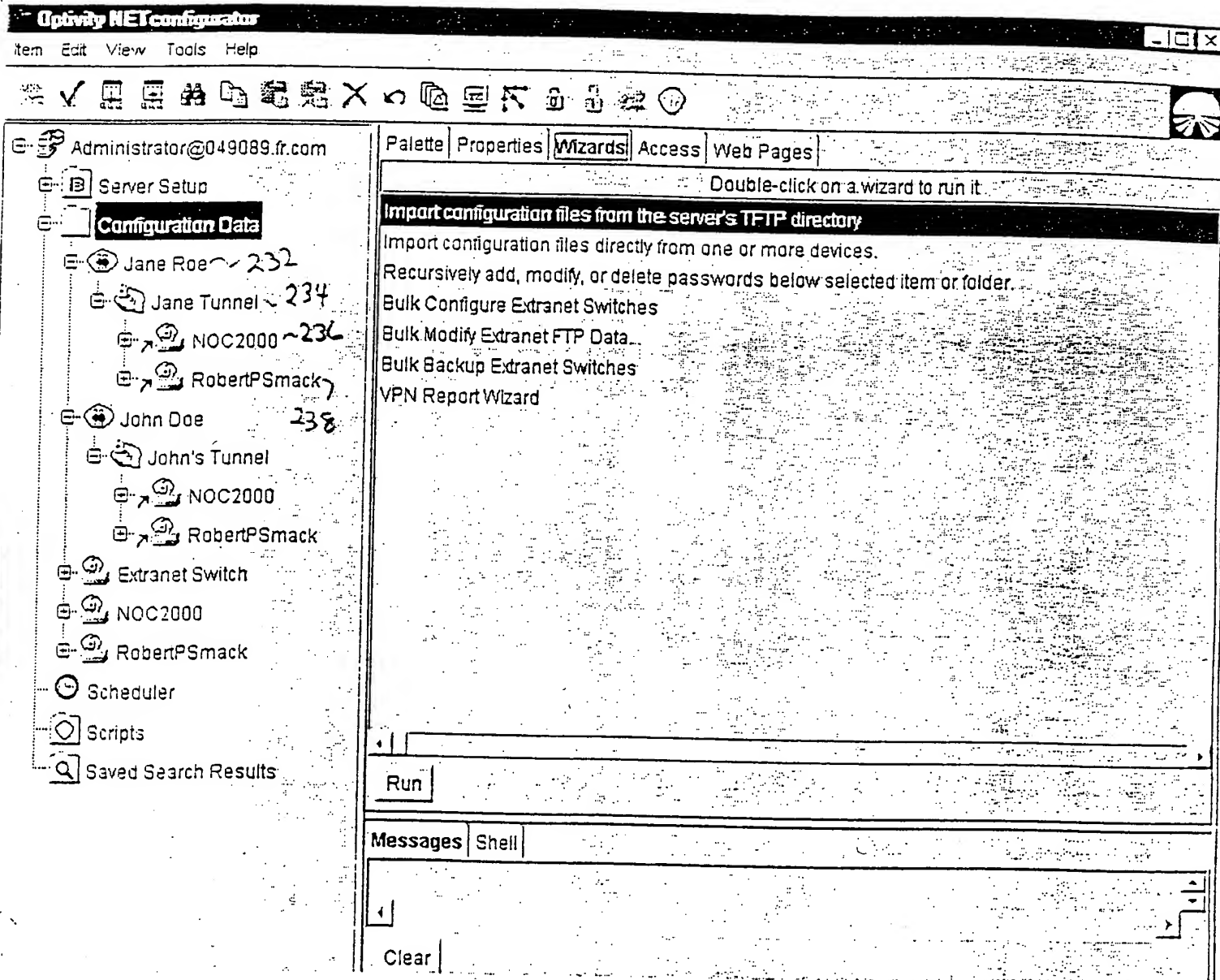


FIG 26

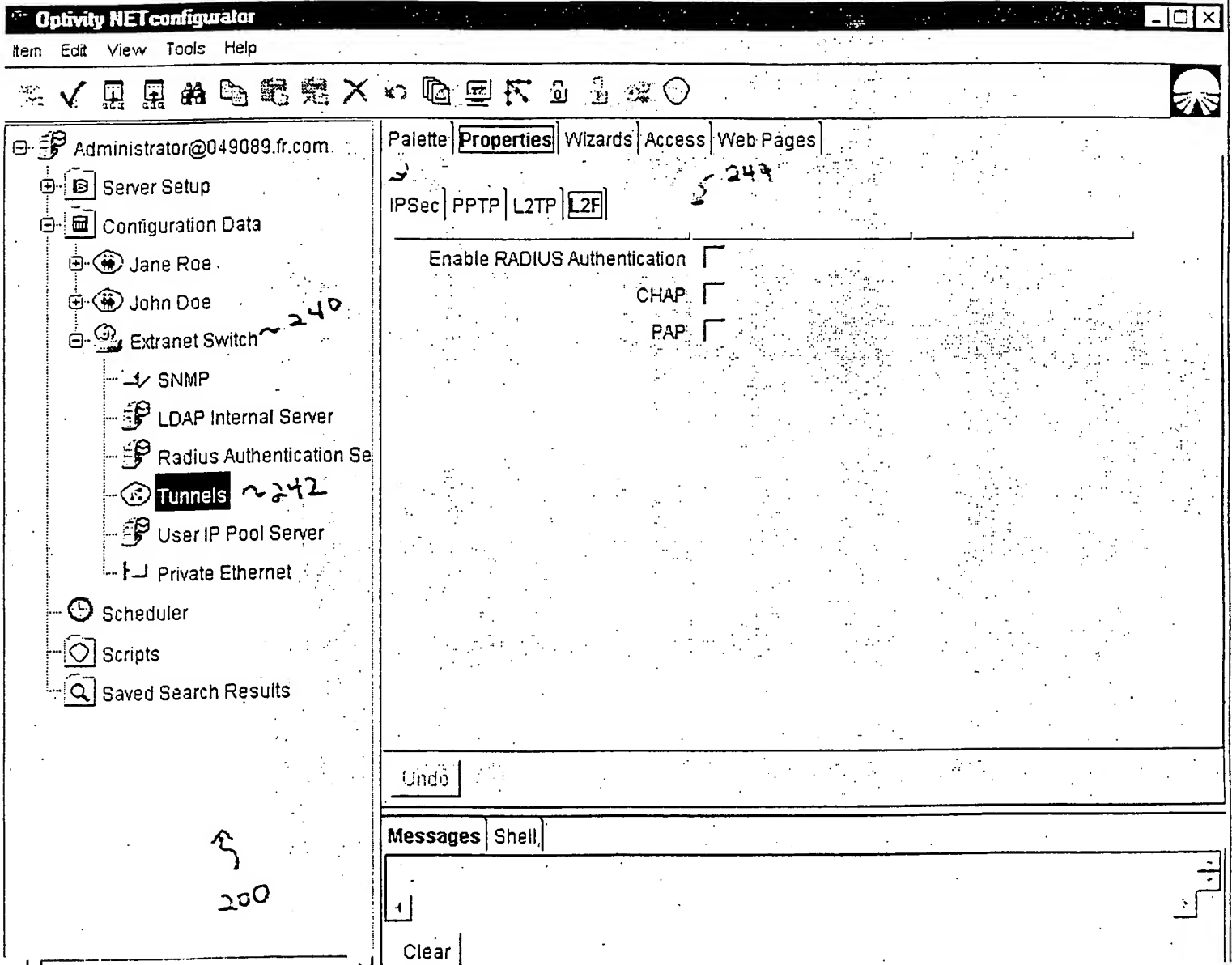


FIG. 27

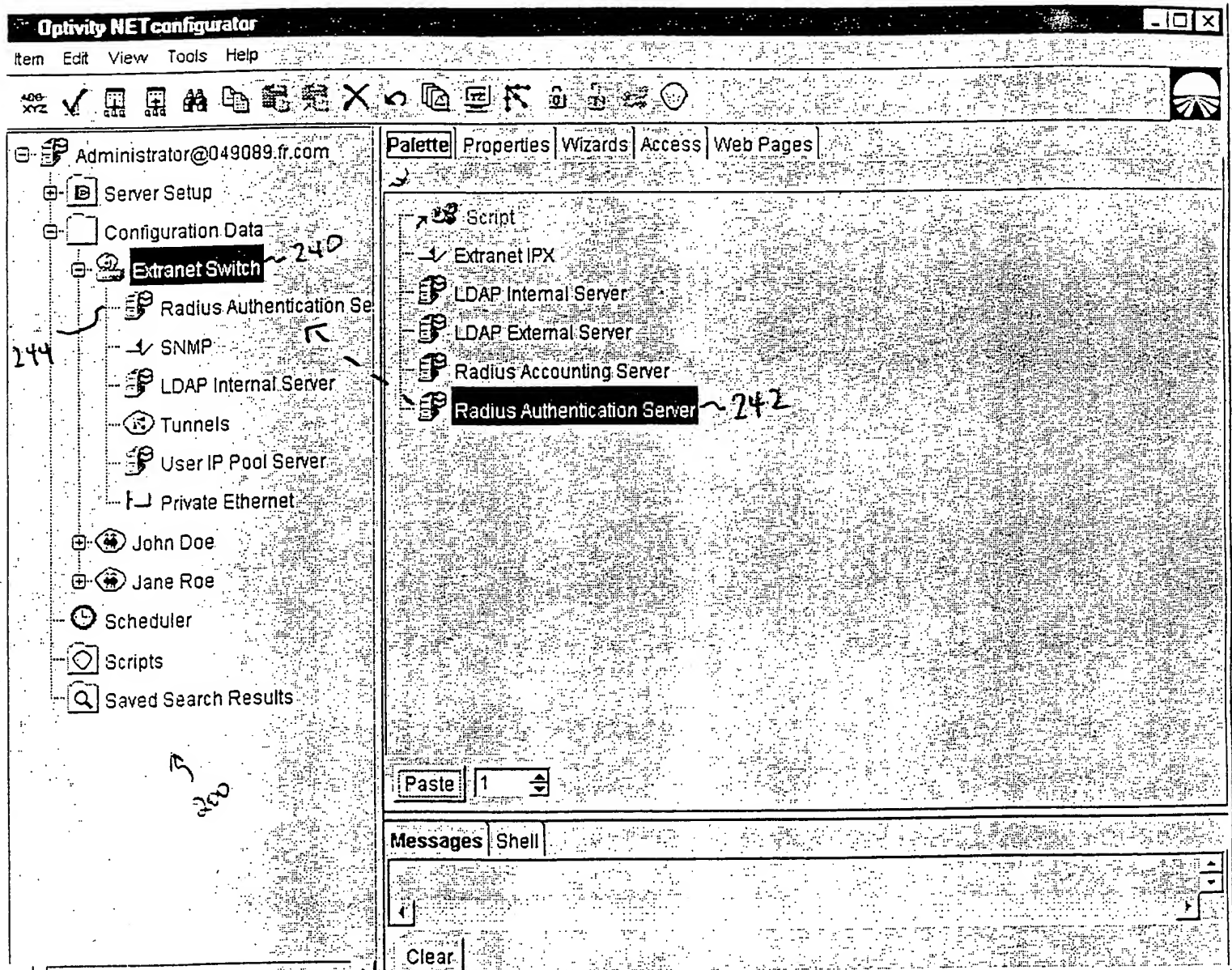
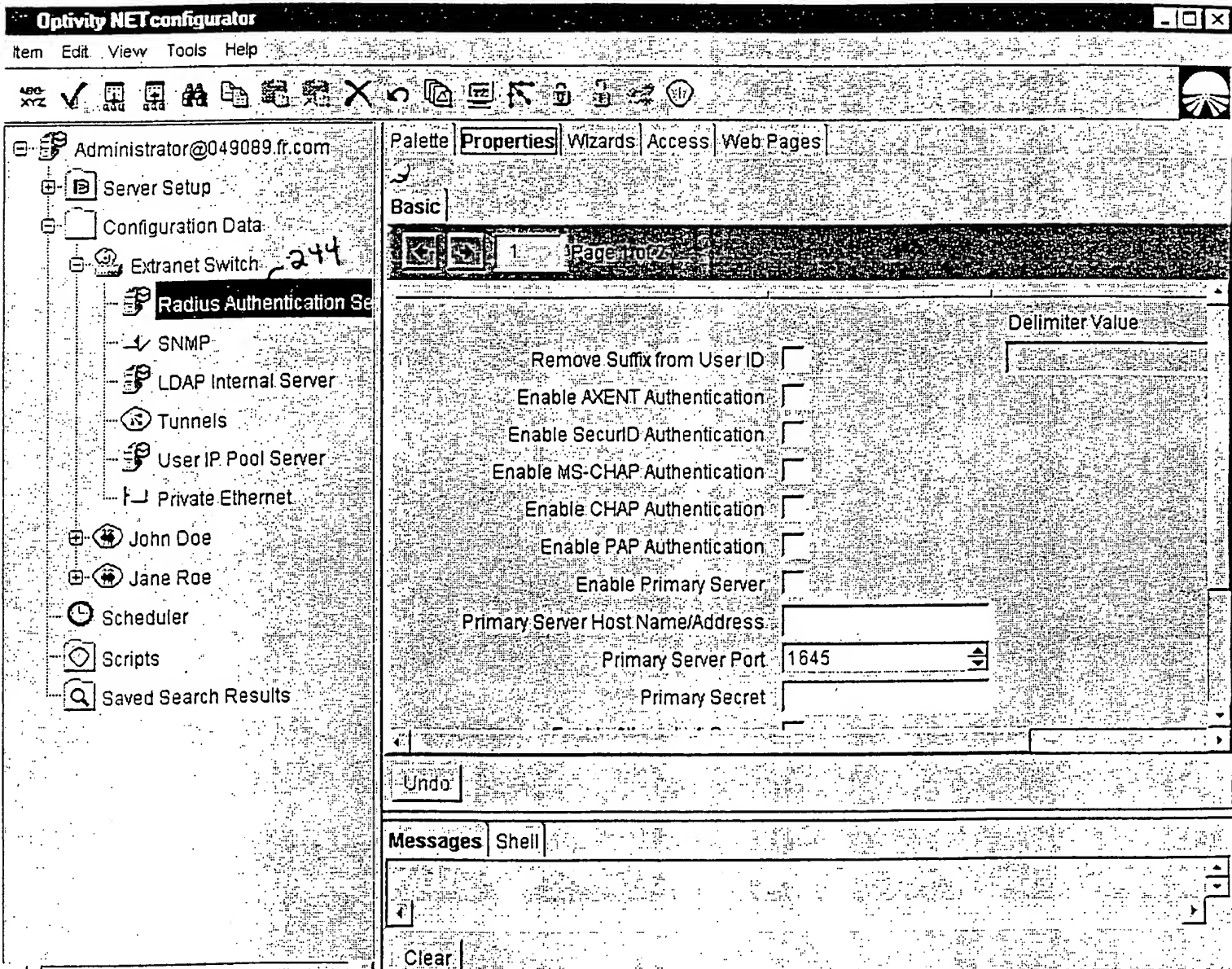


FIG. 26



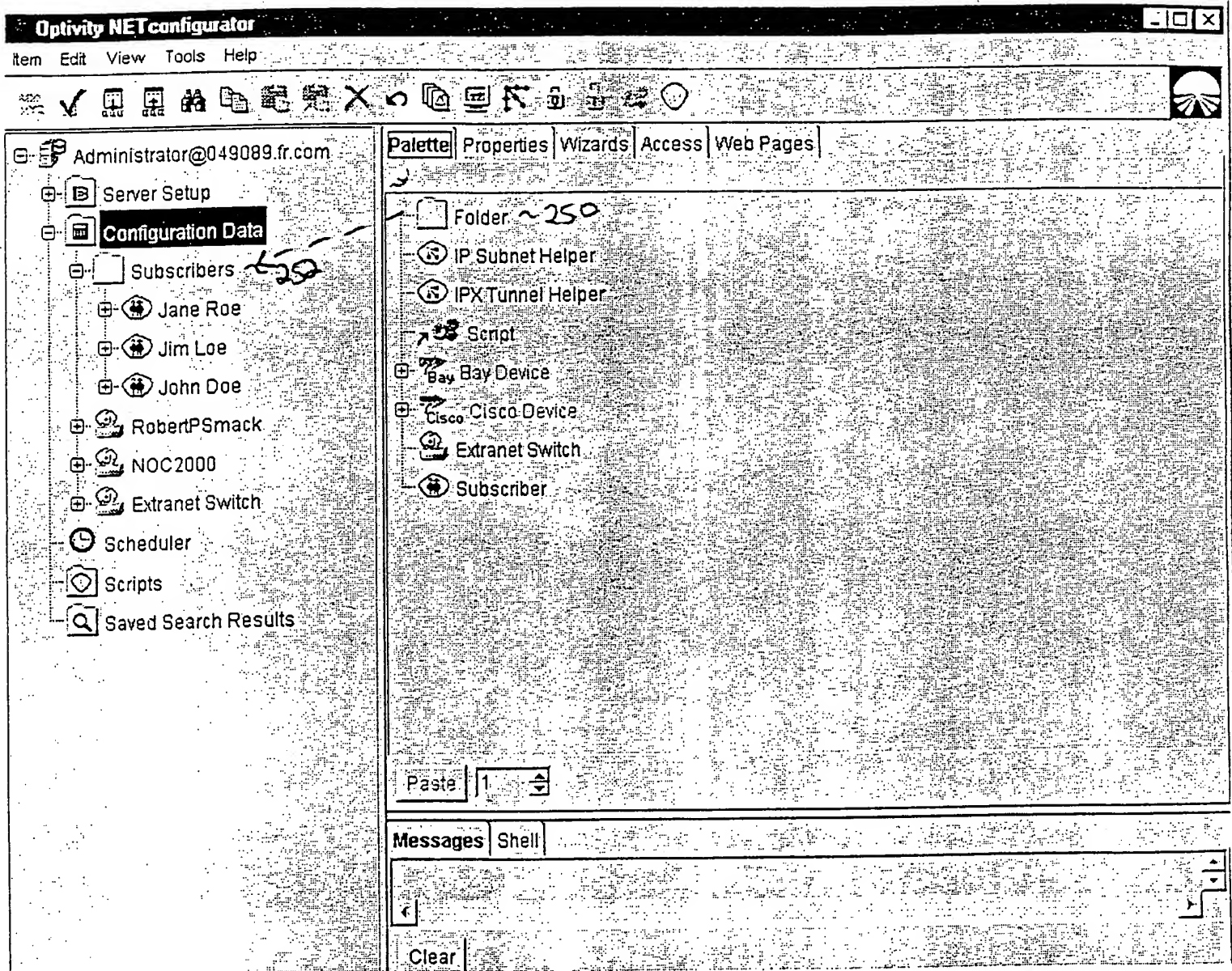
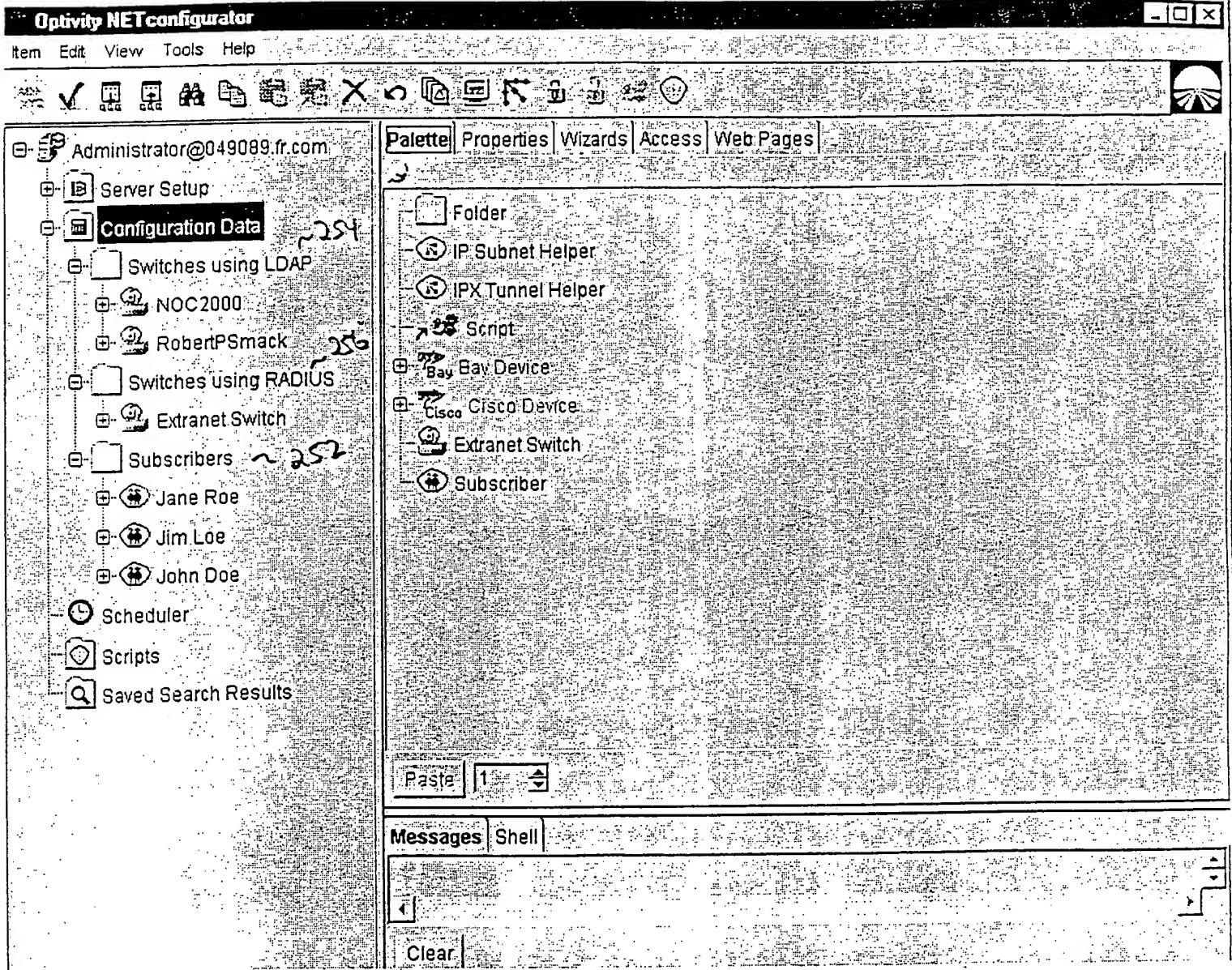


FIG. 30









BayBrowser -- Bay Networks Extranet Switch

http://141.251.69.29/manage/prv\_user.htm

Bay Networks Extranet Switch

LOGOFF HELP

Group

Last	First	Actions
There are no users defined in this group		
Press the Add User button to Add Users to this group		

FIG. 33

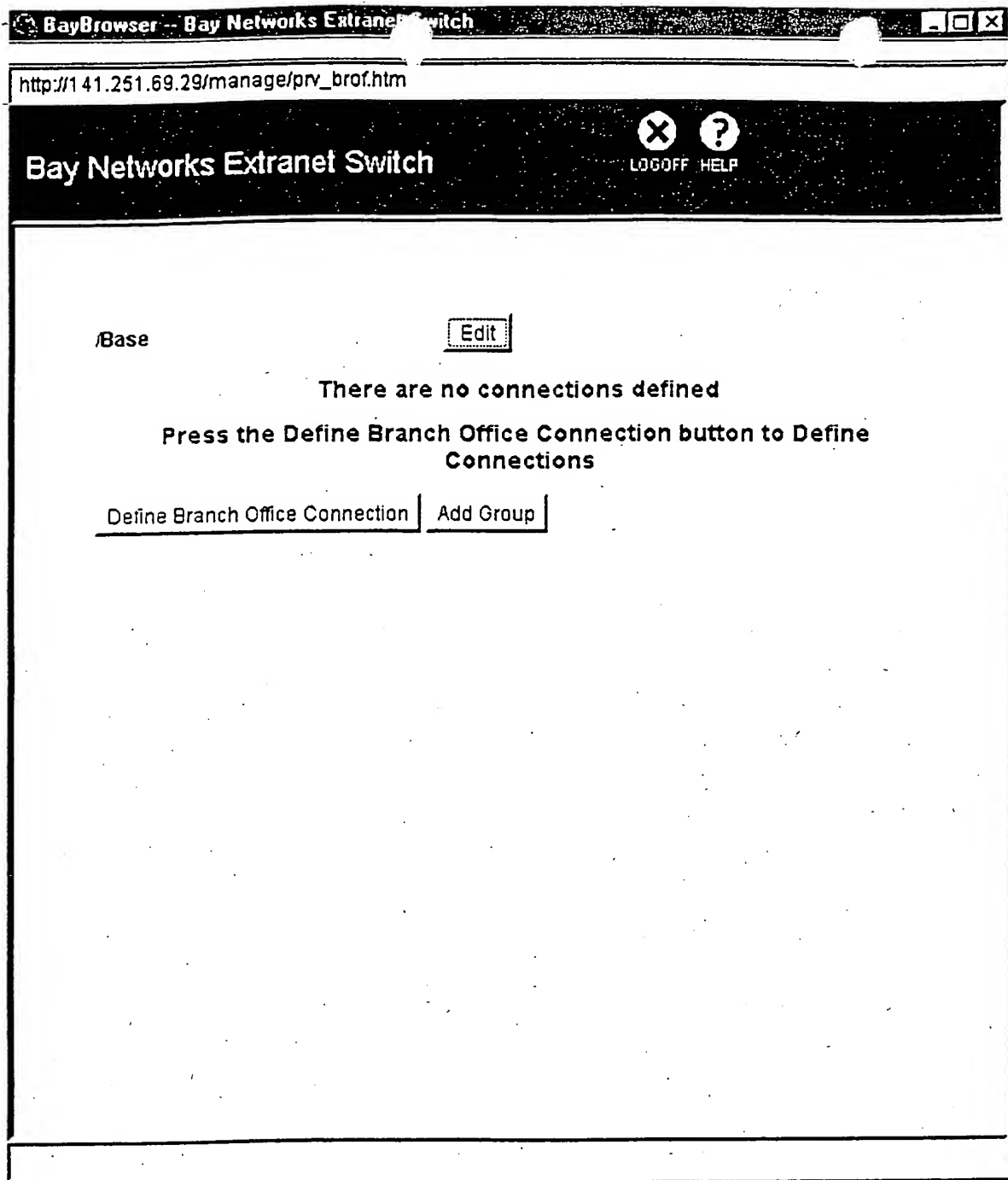


FIG. 34

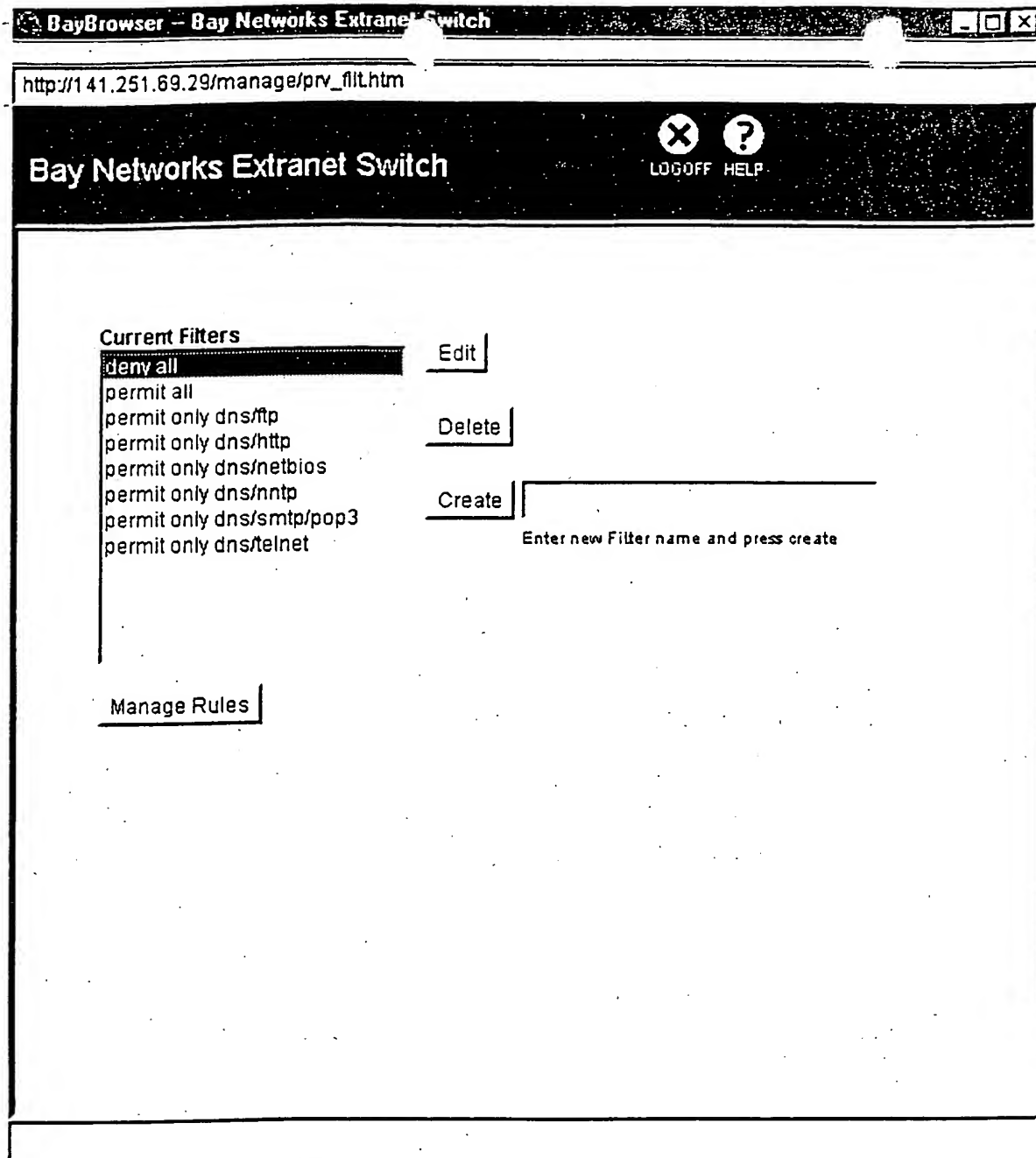


FIG. 35

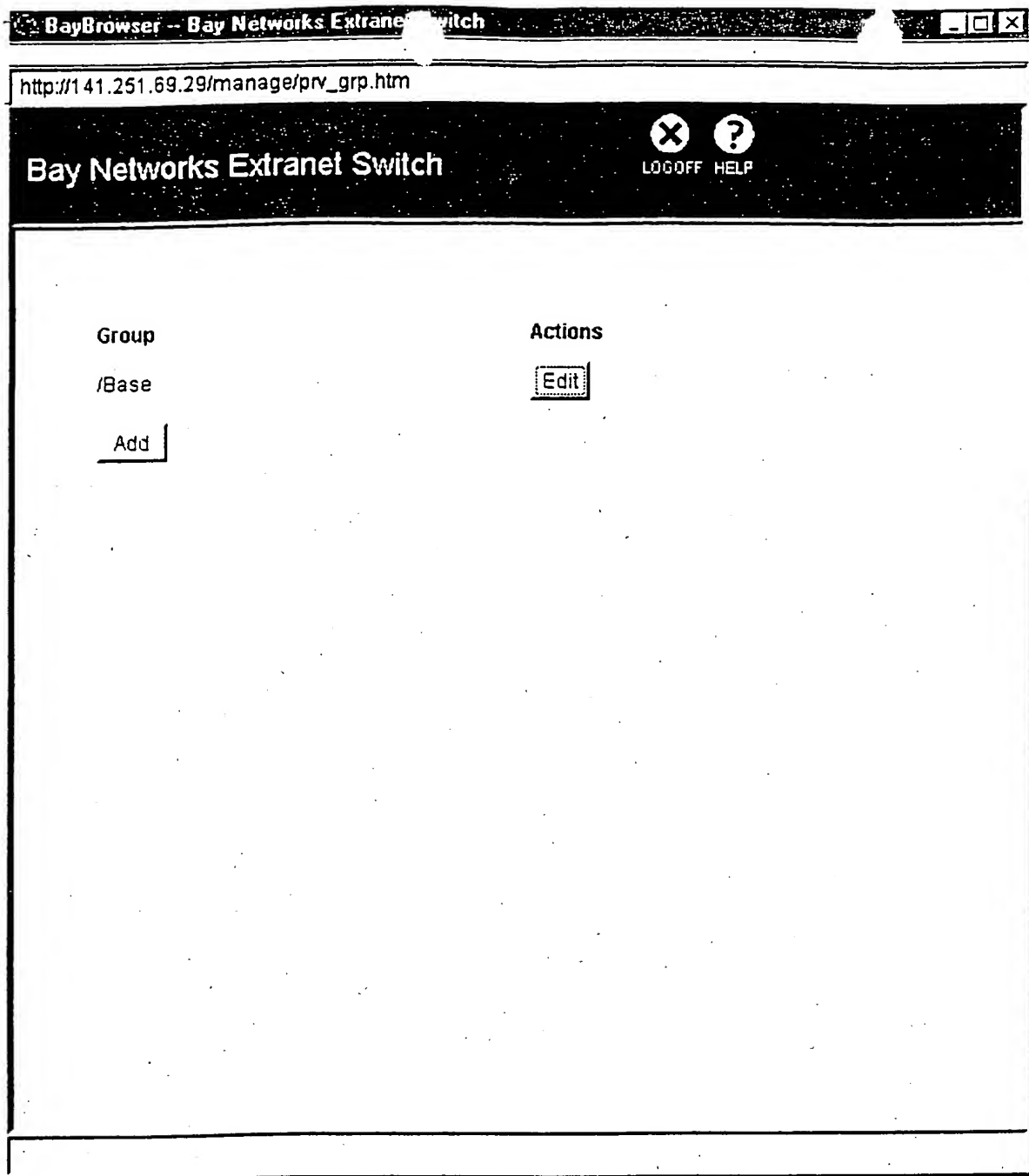


FIG. 36

BayBrowser — Bay Networks Extranet Switch

http://141.251.69.29/manage/prv\_hour.htm

**Bay Networks Extranet Switch**

LOGOFF HELP

**Name**

Anytime	Edit	Delete
Weekdays		
Weekends		

New Access Hours:

FIG. 37

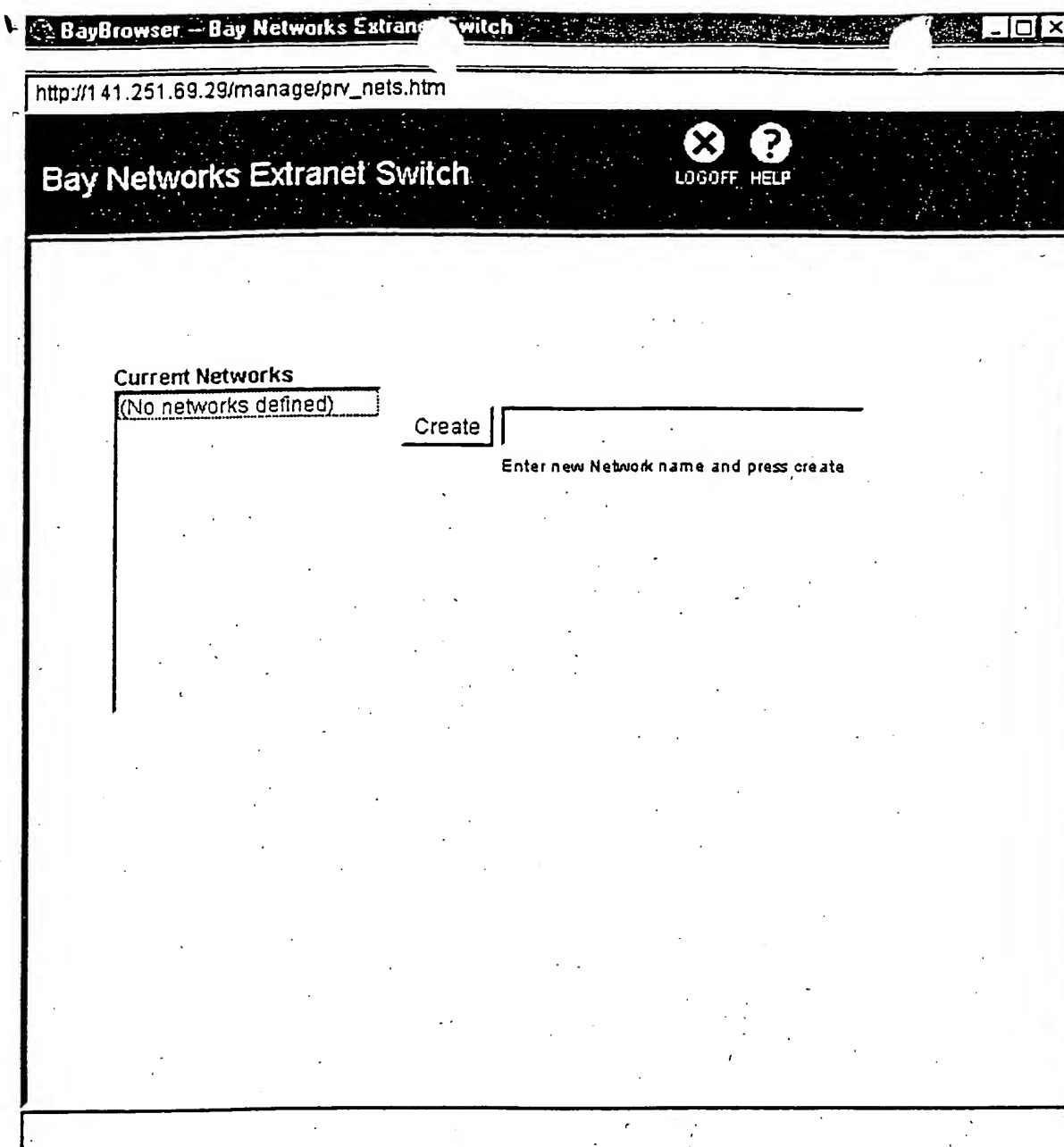


FIG. 38

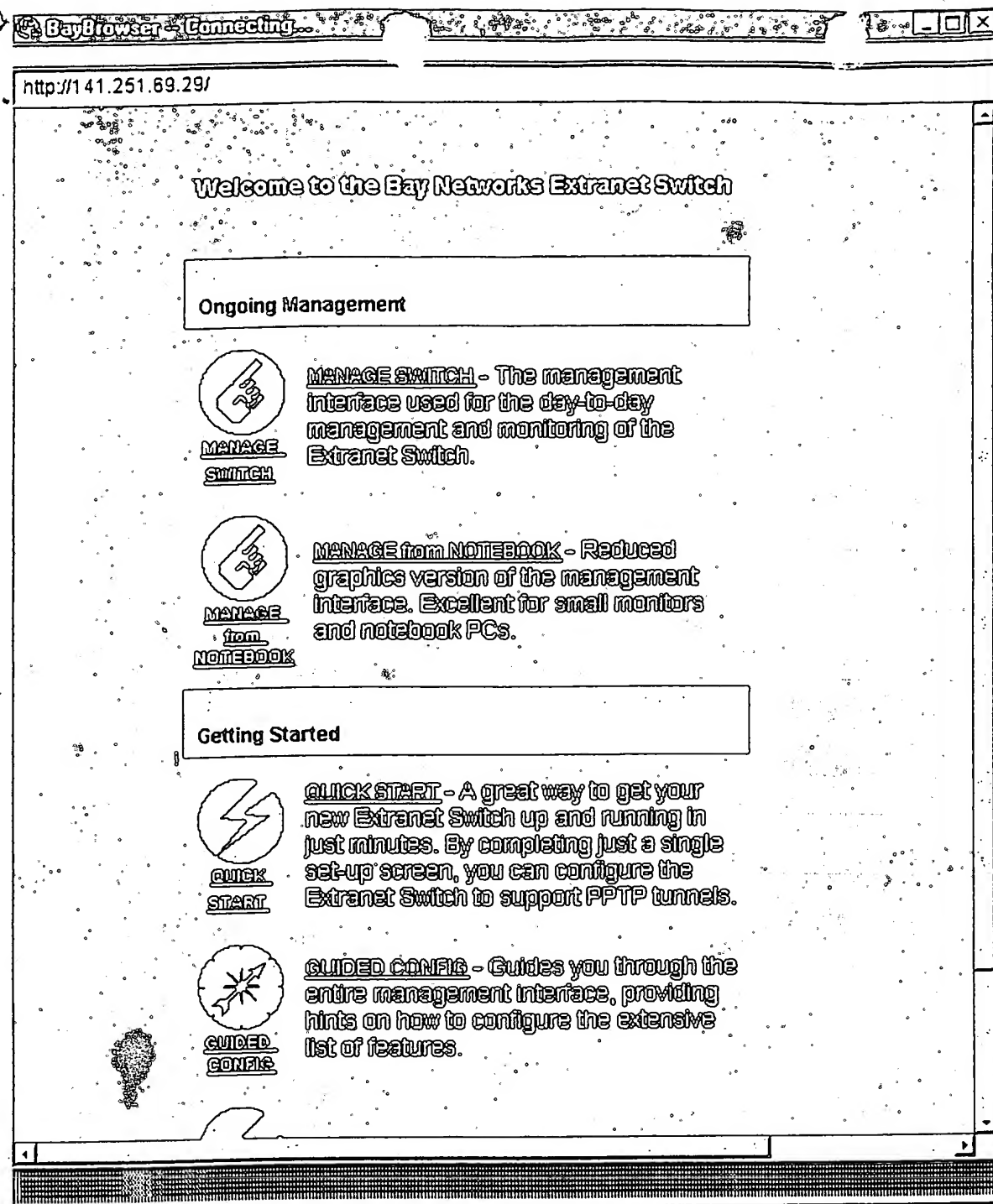


FIG. 39

BEST AVAILABLE COPY